



05-08-06

AF/HW

<b>Mail Stop AF</b> <b>TRANSMITTAL FORM</b> <i>(To be used for all correspondence after initial filing)</i>	Application Number	10/792,180
	Filing Date	March 3, 2004
	Confirmation Number	4931
	Inventor(s)	RUSSELL
	Group Art Unit	2878
Express Mail Label No.: EL 997383923 US	Examiner	Taninaco, M.
Total Number of Pages in This Submission: 10	Attorney Docket No.	02-68

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <i>(submit in duplicate)</i>	<input type="checkbox"/> Assignment Papers	<input type="checkbox"/> Issue fee Transmittal Form PTOL-85(b) + (c) and Cover Sheet
<input type="checkbox"/> Fee Attached \$ <input type="text"/>	<input type="checkbox"/> Cover Sheet	<input type="checkbox"/> After Allowance Communication to Group
Check No.: <input type="text"/>	<input type="checkbox"/> Drawing Change Authorization Request and Amended Figure(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
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<input checked="" type="checkbox"/> After Final	<input type="checkbox"/> Petition to the Commissioner	<input type="checkbox"/> Request for Continued Examination (RCE)
<input type="checkbox"/> Affidavits / Declaration(s)	<input type="checkbox"/> To Convert a Provisional Application	<input type="checkbox"/> Status Request Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Address	<input type="checkbox"/> Small Entity Statement
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Terminal Disclaimer(s)	<input type="checkbox"/> Request for Refund
<input type="checkbox"/> Form PTO-1449	<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Response to Missing Parts / Incomplete Application
<input type="checkbox"/> Cited References	<input checked="" type="checkbox"/> Certificate of Mailing by Express Mail	
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<input type="checkbox"/> Drawing(s): Number of Pages <input type="text"/> Number of Figs. <input type="text"/> and cover sheet	<input type="checkbox"/> Other Enclosure(s): <input type="text"/>	
<input type="checkbox"/> Formal		
<input type="checkbox"/> Informal		

<b>Current Due Date:</b> May 6, 2006	
<b>SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT</b>	
Individual and Company	Michael W. Haas, Reg. No. 35,174 RESPIRONICS, Inc., 1010 Murry Ridge Lane, Murrysville PA, 15668
Signature	<i>Michael W. Haas</i>
Date	May 5, 2006

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Typed Name	Michael W. Haas, Reg. No. 35,174		
Signature	<i>Michael W. Haas</i>	Date	May 5, 2006



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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION of

Inventor : RUSSELL  
Appln. No. : 10/792,180  
Conf. No.: : 4931  
Filed: : March 3, 2004  
Title: : IMPROVED OPTICAL SYSTEM FOR A GAS  
MEASUREMENT SYSTEM  
Group Art Unit : 2878  
Examiner : Taninaco, M.  
Docket No. : 02-68

\* \* \* \* \*

May 5, 2006

**AMENDMENT AFTER FINAL UNDER 37 C.F.R. § 1.116**

Hon. Commissioner of Patents  
and Trademarks  
Alexandria, VA 22313-1504

Sir:

**INTRODUCTORY REMARKS**

In response to the Final Official Action dated February 6, 2006, please enter the following amendments and consider the following remarks.

**Amendments to the Claims** are reflected in the listing of the claims, which begin on page 2 of this paper.

**Remarks** begin on page 6 of this paper.

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*Michael W. Haas*

Michael W. Haas, Reg. No. 35,174